

**Amendment to the Abstract**

Please replace the existing Abstract with the following, which is also presented on a separate sheet attached hereto:

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A process for the removal of arsine ( $\text{AsH}_3$ ) from a hydrocarbon stream, having an atmospheric boiling point lower than about  $0^\circ\text{C}$ , by contacting the hydrocarbon stream with an adsorbent that contains elemental sulphur deposited on a support material. The amount of sulfur is in the range between 5 and 25 wt. % relative to the total amount of sulfur and support material. In addition, to arsine, mercury may also be removed from the hydrocarbon stream.

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